



PULSE^{SD}

EMS PROGRAM QUARTERLY NEWSLETTER

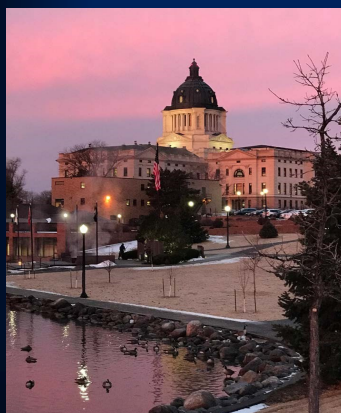
South Dakota Office of Rural Health – Emergency Medical Services

September 2019

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<https://EMS.sd.gov>



Director's Welcome

By Marty Link—EMS Director

Greetings from the Office of Rural Health EMS Program.

Thank you for your continued interest in our newsletter, PULSE^{SD}. We hope you find it an informative and worthy read.

I am always humbled at the effort and dedication that Bob Hardwick, Lance Iversen, Julie Smithson, and Rebecca Baird bring to their jobs every day. It is not always easy working in a regulatory body and certainly the challenges we face are, at times, significant. My praise for these individuals cuts to the heart of their true natures. Ultimately, a service to those represented—you, the healthcare industry.

We cannot thank you enough for your strength, endurance, and compassion for others. Whatever capacity you bring to service towards others is the ultimate sacrifice.

At the time of this writing, September is nearly halfway gone. Our office has focused extensive energy on several important components. Below are few:

- Recertifications
- Continued refinement of our electronic Patient Care Reporting System (ePCR)
- Design of our new License Management System (LMS)
- Focused technical assistance visits
- Trauma assessments and annual conference
- Leadership classes
- Specialty projects and more

(continued on next page)

Director's Welcome (continued)

By Marty Link—EMS Director

Naloxone Work

The EMS Program has administered the Naloxone Project since late 2017. Over 1500 first responders, law enforcement officials, campus police, and treatment center staff have been trained to recognize and treat a patient suffering from a suspected opioid overdose. Over 2500 boxes of Naloxone have been distributed statewide and over 400 administrations have been documented through the ePCR system—many with favorable patient outcomes. A tremendous amount of work from a dedicated team of individuals have accounted for several individuals getting a second chance at life.

For the past several months, the EMS Program along with the Associated School Boards of South Dakota and the School Administrators of South Dakota have worked collaboratively to develop “Naloxone in the High Schools.” The Naloxone in the High Schools Project was created after permissive legislation passed earlier this year allowed for school officials to carry and treat individuals suspected of opioid related overdoses. All high schools statewide have an opportunity to take part in this project. School administrators were mailed a letter in August with project specifics. In the event of a school or school function response, naloxone may have been administered prior to your arrival.

Helmsley Charitable Trust

All of you are aware of the generosity of the Helmsley Charitable Trust. Over the years, SD and surrounding states have been impacted through projects such as SIM-SD, LUCUS, Mission-Lifeline, and the newest grant, the inclusion of OB simulators for EMS and hospital-based training.

The Helmsley Charitable Trust recently approached the EMS Program to administer another grant—SD First Responder AED project. This project will equip all law enforcement agencies with a next generation AED connected device. This \$3.6 million grant will provide approximately 1200 devices to law enforcement agencies statewide. The project officially started in September of 2019 with a series of planning meetings. Training and distribution will occur later this year.

2016 and 2018 Statewide Surveys

Many of you have been aware of two statewide surveys conducted over the past several years. The work these surveys represent are significant findings regarding EMS within South Dakota. The most recent survey in 2018 collected responses from city and county elected officials, hospital administrators, and local stakeholders with a particular interest in EMS. The survey findings were distributed in town hall style meetings across SD where city and county elected officials were provided a comprehensive overview of rural EMS. The EMS Program along with SafeTech Solutions LLC are in the process of finalizing a community leader informational brochure. This brochure will help EMS officials share detailed information about EMS in South Dakota including, organizational makeup, sustainability, funding mechanics and the volunteer subsidy.

We hope you feel these efforts are worthwhile. We have noticed a considerable shift in community leaders coming around the table and engaging EMS professionals in healthy dialogue regarding long term, reliable, and sustainable EMS well into the future.



2019 Trauma Outcomes & Performance Improvement Care

By Rebecca Baird, SD Trauma System Manager/Eastern EMS Specialist

The Society of Trauma Nurses (STN) TOPIC course was taught to 40 members of the South Dakota Trauma System from across the state and across health systems with the support of Alexandra Little and the Hospital Preparedness Program (HPP) on June 6, 2019 in Pierre. This course is taught to trauma system team members who participate in the on-going assessment, evaluation, and improvement of trauma care in our South Dakota designated trauma hospitals.



This course was developed by the STN in response to the need for education and better understanding of the Performance Improvement process in trauma care. TOPIC focuses on the on-going assessment of trauma care with a review of process and discussions of strategies to monitor trauma patient outcomes.

The course was a one-day interactive module-based course customized to meet the rural needs of South Dakota as well as address trauma surge and mass casualty incidents. Avera St. Mary's hospital in Pierre graciously donated the meeting space to help make the class available to South Dakota's trauma hospitals.

The Society of Trauma Nurses is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

National Registry Changes

By Lance Iversen, Educational & Professional Standards Coordinator, EMS Data Manager

Starting October 1, the National Registry will no longer mail pocket-sized certification cards for initial or renewal registrants. For those who need a physical or PDF copy of the card, EMS professionals can access, obtain or print their ID via the National Registry [iOS](#) or [Android](#) app, or the [National Registry](#) website.

Simplified application

After receiving feedback and suggestions on how to improve the reporting of continuing education in the national component for recertification, we are pleased to inform you that we have a simplified application.

While recertification standards have not changed, the listing of your continuing education has been simplified. Starting October 1, you will assign courses to five main categories – Airway/Respiration/Ventilation, Cardiovascular, Trauma, Medical and Operations.

The National Registry's focus is on the quality of the overall content instead of the time assignments of the unique subtopics. An EMS professional's requirements are met as long as all of the subtopics of each main category are represented and the hourly requirements of the major categories are achieved. For verification, we look at the title, the description and all attached documents for indications a subtopic was covered.

South Dakota Ambulance Association

By Brian Hambeck, SDAA President

Who we are

SD Ambulance Association is a professional association of EMS leaders dedicated to the discovery, development, and promotion of excellence in leadership and management in EMS systems, regardless of EMS system model, organizational structure or agency affiliation.

How we will achieve this

We will research, discover, develop, and promote best and most promising practices in EMS leadership, management, and administration through example, education, and advocacy.

What is our niche?

We are an inclusive organization of EMS leaders and managers. We welcome all, regardless of organizational size, corporate structure, ownership, or philosophy.

We believe in and act upon evidence-based best practices.

We understand that individuals responsible for EMS delivery must be both effective leaders and capable managers, with the necessary knowledge, skills, abilities and attitudes to perform in both roles.

Our Purpose

This is a non-profit, non-sectarian, voluntary, private organization incorporated for the following:

1. To provide an organized and unified voice for ambulance services to intermediaries, legislators and regulatory bodies.
2. To develop and promote a code of ethics for ambulance services.
3. To provide for the exchange of appropriate information with those interested in ambulance services and pre-hospital medical care.
4. To promote understanding, cooperation and communication among ambulance services.
5. To develop and promote professionalism and quality standards of patient care and assurance of quality in the ambulance industry.
6. To initiate, sponsor and promote educational programs, cost-saving projects and research in the ambulance industry.
7. To assemble and disseminate information about the issues and needs of ambulance services.
8. To establish cooperative liaison activities with other associations and governmental agencies interested in the improvement of emergency medical care for the benefit of all providers of ambulance care in general.
9. To promote health and safety in the state of South Dakota.

For more information, visit <https://sdaa.wildapricot.org/>

New License Management System (LMS)

By Lance Iversen, Educational & Professional Standards Coordinator, EMS Data Manager

The South Dakota EMS Program awarded ImageTrend the contract for their License Management System.

Over the past month we have been working with ImageTrend on building our new License Management System (LMS). A portion of the new system will go live by the end of September, and other components of the LMS will follow soon after.

This new system will manage all BLS Provider applications and certifications, ambulance service licensure, training/continuing education, new EMR and EMT Courses, online verifications for EMR and EMTs as well as Ambulance Service License status. The new LMS will also tie into the ImageTrend Elite (ePCR) system so providers who have accounts in Elite will access both systems with just one user name and password, and all the data will import automatically from the LMS into the Elite ePCR system.

Once our new LMS goes live, providers (EMR and EMTs) can go in and update their profiles which will include items such as: Uploading a copy of their Driver's License or State Issued Photo ID (required), Uploading a copy of their CPR Card or Certification (required), review and update their demographic information, have a valid email address (required), upload their FEMA ICS 100, 200, 700 training certificates, EVOC training certificate, etc. This will be the platform you use to recertify every two years. Ambulance Services can also log into their account and update their company information, vehicles, rosters, etc. and will also use this platform to renew their Ambulance Service License every two years.

Our goal with this new system is for everything to be automated and done online (no more paper submissions) and be user friendly and less time consuming for all of you.

Once our new system goes live and replaces our current system, you will be able to access the SD EMS Program's E-Licensing Portal via our website at <https://EMS.gov>. When activated, it will be the red box on our homepage labeled E-Licensing Portal.

With this new system, all communications from our office will be done via email through the LMS so you must have a valid email address in your profile.

We will be sending out more information as we begin to bring systems within the LMS online. You can also visit our website for the most up-to-date information.

South Dakota EMS Patches



If you or your service are interested in purchasing SD EMS patches, you can send a check or money order, made out to ORH/EMS, and mail to 600 E, Capitol Ave, Pierre, SD 57501.

The cost is \$1.00 each.

Crocker Wind Farm Training

By Clark County Courier

Safety emergency drills are ongoing at Crocker Wind Farm

A safety emergency drill was held last Wednesday at the Crocker Wind Farm. Geronimo Energy with subcontractor Wanzek Construction is erecting 77 wind turbine towers this summer in northern and northwest Clark County.

“Basically, this drill was put together for all local first responders,” said Clark County Ambulance Administrator Randy Angermeier. Bradley Fire Department, the closest entity, was first on the scene, along with the Clark Ambulance Department, the Clark Fire Department and the Clark County Sheriff’s Department.

This is the second of multiple safety drills required through the process of this construction, noted Angermeier and he explained that as the construction progresses, the drills will be different in nature, covering different facets of the construction process, such as turbine sites, tower building and attaching blades through crane work.

Wednesday’s scenario involved a worker with a compound fracture who had fallen from the turbine. This individual was hurt in the tower, so had to be lowered from the tower. Because of the fall he had a compound fracture, leg trauma and was bleeding excessively.

The trickiest, most difficult aspect of this drill is the coordinating of getting the first responders to the accident site.

With 77 turbine sites in a remote area, it literally is a maze of roads, with addresses during construction temporarily seen, at best.

“Wanzek did a great job directing us to the accident,” said Angermeier and he stressed that at the first accident drill dust was a factor so the water truck was out to wet down the gravel roads.

“All accompanying roads are covered with stations employees must report to and part of the employee training is the road coordinating. Wanzek knows the (road) positioning and they direct us in. They thought the timing by our groups was great,” he explained and then detailed this safety drill. The two main Wanzek employees involved in the safety drills are Kyle Buffington, the assistant project manager and Chris Thomas, Construction Manager II. “Again, the Wanzek team was very prepared,” said Angermeier.

“Bradley Fire Department, with Nancy Tarbox having access to a medical bag was there first. By the time we (Clark Ambulance) got there the patient was packaged and ready to go.



Clark County Ambulance Director Randy Angermeier shows off the operation of the new power lift on the ambulance. First responders participated in a mock accident drill at the Crocker Wind Farm.



A ‘great help’ participated in the mock emergency drill held at the Crocker Wind Farm last Wednesday. Groups attending were the Clark County Ambulance, Clark Fire Department, Bradley Fire Department, the Clark County Sheriff’s Department and the Wanzek Construction team.

A patient with a broken leg and trauma is loaded into the Clark County Ambulance.

“Bradley does the stabilization and we do the transporting,” Angermeier noted that a helicopter pad is available if that is needed.

After the drill a lengthy de-briefing session was held to critique what worked, what didn’t and what needs improvement.

“This is really good training for us,” said the ambulance administrator. “It’s real world training plus we receive accreditation hours from the state.”

Each Wanzek employee has all of his medical information located inside a helmet pouch. Plus, there are certified, first aid people on the Wanzek Construction staff.

Ended Angermeier, “Granted, we don’t ever want anything to happen. But after our training that went smooth, with great help, we are very confident in our abilities. These wind towers are here and will be here and will be worked on, so the possibility of accidents occurring will be dealt with and handled in a professional confident, timely manner, thanks to these drills.”

RCFD Education Program Awarded National Accreditation

By Lt. Jim Bussell, Public Information Officer for Rapid City Fire Department

Rapid City, SD – The Rapid City Fire Department (RCFD) Paramedic Education Academy has been awarded initial accreditation by the Board of Directors of the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The CAAHEP Board acted upon the accreditation recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP)

Through the accreditation process, which includes a thorough review of the program, curriculum, resources, faculty and staff, as well as a site visit of the program, the Rapid City Fire Department Paramedic program was determined to be in substantial compliance with the nationally-approved Standards and Guidelines for educational programs as established by the EMS - Paramedic profession.

The department was granted a Letter of Review and began providing Paramedic education for RCFD employees in 2016. Since that time, 12 RCFD employees have completed the program with a 100% pass rate. The next academy is scheduled to begin in January of 2020 with as many as six RCFD employees slated to participate in the program.

Regarding the RCFD Paramedic Education Academy, Rapid City Fire Department EMS Training Specialist Lt. Jason Reitz said, “Having a program that can continually meet the demands of the Rapid City Fire Department and the community we serve is so important.” Lt. Reitz added that accreditation is essential because every Paramedic course offered must be through an accredited program. “This accreditation ensured that we are meeting the standards set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP)”, Reitz said. He added, “Being accredited makes the RCFD as one of very few accredited fire department based programs in the nation.”

The RCFD Paramedic Education Program is an intense year-long program. The program consists of 1,300 hours of training in both the classroom and clinical setting. This includes a 400 hour ambulance field internship and a minimum of 276 clinical hours in the hospital setting. Individuals that successfully complete the program and pass the National Registry of Emergency Medical Technicians (NREMT) psychomotor and cognitive exams then must successfully become licensed with the South Dakota Board of Medical and Osteopathic Examiners (SDBMOE) before beginning an intense months-long Paramedic Field Training and Evaluation Program.

CAAHEP accredits more than 2,200 educational programs that prepare health professionals in 32 different disciplines. Accreditation is one step in a process that is meant to protect the public and ensure a supply of qualified health care professionals. For more information about CAAHEP and accreditation, visit www.caahep.org.



47 EMS Agencies are Champion for Kids

By Corolla Lauck, South Dakota EMSC

South Dakota EMS agencies ran nearly 7,000 pediatric calls last year for children ≤ 18 years of age. Pediatric encounters may only be 13% or less of your call volume, however, when we are caring for a critically ill or injured child these calls are extremely stressful.

47 EMS agencies recognized the importance of being prepared to care for the kids in their community and surrounding areas.

Each agency designated an individual(s) who accepted the role of a Pediatric Emergency Care Champion (PECC). Each **PECC** received a certificate and our Pediatric Skills and Scenario guidelines/manual. The manual has 20 plus scenarios for training, and other resources to include; safe transport, radio reports, skills validations and other resources.

The role of a PECC is diverse and you may serve one or more of these responsibilities by overseeing pediatric specific:

Equipment, Supplies, Medications; Case Reviews, QI/QA; Safety & Injury Prevention Programs; Liaison with Hospital Outreach; Protocol Development & Review; Pediatric Education/Training.

Your service may have outside resources for pediatric education/training, but **you fulfill** this role if you are; stocking and ordering equipment/supplies, organizing community outreach safety and injury prevention programs and various other tasks.

CHAMPIONS for Kids!

<i>Patient Care EMS</i>	<i>Missouri Valley Ambulance</i>	<i>Kimball Ambulance</i>
<i>Wall Ambulance</i>	<i>McCook County EMS</i>	<i>Mitchell Fire and EMS</i>
<i>Jerauld County Ambulance</i>	<i>Vermillion Fire & EMS</i>	<i>American Medical Response</i>
<i>Butte County EMS- Newell</i>	<i>Harding County EMS</i>	<i>Kadoka Ambulance Service</i>
<i>Rosebud Ambulance</i>	<i>Belle Fourche EMS</i>	<i>Custer Ambulance Service</i>
<i>Midwest Medical – Aberdeen</i>	<i>Burke Ambulance</i>	<i>Bowdle EMS</i>
<i>Douglas County- Armour</i>	<i>Sturgis Ambulance</i>	<i>Hurley Ambulance</i>
<i>Oelrichs Ambulance</i>	<i>Hot Springs EMS</i>	<i>Ipswich EMS</i>
<i>Plankinton EMS</i>	<i>Lower Brule Ambulance</i>	<i>White Ambulance Service</i>
<i>Lemmon EMS</i>	<i>Sioux Falls Fire & Rescue</i>	<i>Aberdeen Fire & Rescue</i>
<i>Beresford EMS</i>	<i>North Sioux City Fire & Rescue</i>	<i>Conde EMS</i>
<i>Edgemont Ambulance</i>	<i>Philip Ambulance Service</i>	<i>Springfield EMS</i>
<i>Gregory EMS</i>	<i>Northeast Ambulance Service</i>	<i>Midland Area EMS</i>
<i>Spink County EMS</i>	<i>Bison Ambulance Service</i>	<i>Bennett County Hospital EMS</i>
<i>Faith Ambulance</i>	<i>Estelline EMS</i>	<i>Corsica – Douglas County EMS</i>
<i>Lake Norden Ambulance</i>	<i>Black Hills Life Flight</i>	

Become a Pediatric Emergency Care Champion today!

Spotlight EMS

By Tammy Byers of White Ambulance Service



In 1974, the first ambulance (a 1962 Hearse) was donated by Eidsness Funeral Home in Brookings to the White Fire Dept. Acting Fire Chief at the time, Leroy Patrick, began work to organize the White Ambulance Service and On May 17, 1976, the White Ambulance Service was formed.

We have seen many changes over the last 43 years! From our beginnings with a 1962 Hearse, we now have a 1998 Ford purchased in 2016 and upgraded our stretcher in 2017 with Stryker's Power-Load. We have had 45 people involved with our ambulance service over the years and currently have 9 EMTs, 2 EMRs, 1 RN, and 4

EVOC Drivers (all volunteers) who are on call 24/7/365. Last Spring, we held an EMR Course and added one EMR to our service with the potential to add three more. Our service averages 37 calls per year, which was extremely reduced when the White Care Center closed in 2015. We rely on patient transports, donations and memorials to operate.

Our service has 2 hours of training on the second Thursday of each month after the business meeting. All our members, apart from our Drivers, are members of the SDEMSA and many attend the conference each year. We are proud and honored to have won the SDEMSA's "Emergency Medical Service of the Year" award in 1987. We also won the "Sue Schuurman's Memorial Award" in 2008 and with the \$250 we purchased a portable suction unit.

We are committed to community service. Over the years, we have held monthly blood pressure checks, demonstrations and training to schools and other groups, first aid stations during local events, Vial of Life program, Bicycle Rodeo, funding CPR instruction for Deubrook school teachers, participated in health fairs, joint disaster training events with other agencies, worked with the Red Cross to install smoke alarms in homes, and provided EMS coverage at sporting events, just to name a few. We also believe in giving back to our community. We recently donated an AED and wall cabinet to the City of White, which was hung in the McKnight Community Center entryway. We also gave a \$2,500 donation to the Brookings Health System Ambulance Campaign in 2014 to show our appreciation and support.

The White Ambulance Service and White Fire Department have always had a very cooperative relationship. The Firemen bring the rescue truck with the Jaws of Life to MVAs and assist however they can. We are very proud of our volunteers and the White Ambulance Service!



Trusted Choice Independent Insurance Agents Award EMS Grants

By Carolyn Hofer, Executive Vice President of IISD

The Independent Insurance Agents of South Dakota awarded four \$2,500 grant checks to South Dakota Volunteer EMS Departments that were nominated by a local IISD member agent. Two grant recipients from West River were Harding County and Faith Ambulance Services. East River grant recipients were Viborg and Arlington Ambulance Services.

Independent insurance agents recognize the dedication and time it takes by hundreds of volunteers across South Dakota to train and care for those emergency situations that save lives in their families and communities. We thank all EMS Volunteers. Watch for the grant opportunity again next spring.



2019 SDEMSA Conference—Hub of EMS: Better Together

By SDEMSA



44th Annual South Dakota EMS Association State Conference

Aberdeen, SD

November 1-3, 2019

For more information, go to: <https://www.sdemta.org/Conference>



We are excited to host in Aberdeen and look forward to seeing old friends and making new ones.

Friday, November 1

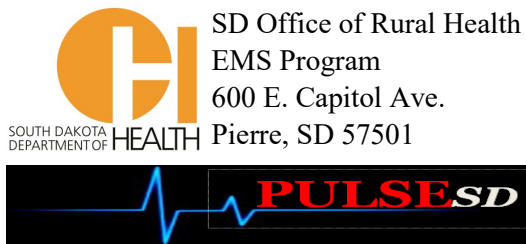
- “ICS Lesson Learned from 1500 patient MCI” by Chris Way
- “Sick Babies Freak Me Out” by Bob Waddell
- “Suicides of EMS Providers” by Andrea Zickmund
- Breakout #1 Crash Test Dummies and Football Players – Andrea Zickmund
- Breakout #2 Putting the “M” back in EMS – Chris Way
- Breakout #3 Family Centered Care – EMS from the Heart – Bob Waddell
- Breakout #4 (ALS) Difficult Airways – Anesthesiologist, request submitted to LV
- OB Lecture by Dr. Gildner OB/GYN

Saturday, November 2

- Documentation Panel Discussion – Rebecca Baird, Dr. Matt Owens, Pam Fiechtner, Michelle Smith – PCC.
- SD Healthcare Coalition by Lynn DeYoung
- Addiction/Recovery by Dr. Melanie Weiss
- Breakout #1 That Smell, the Look, now Treat it! – Andrea Zickmund
 - Breakout #2 Kids in Rigs – Safe Transport – Bob Waddell
 - Breakout #3 EMS Leadership. Not a Rank, an Attitude – Chris Way
 - Breakout #4 Cardiologist, (ALS)
- “Medicine Killed MY Mother” by Bob Waddell

Sunday November 3

- Bizarre and Unusual case studies by Andrea Zickmund
- Unusual Rescue, Unusual Relationship by Chris Way



Questions or More Information? Contact:

Marty Link
EMS Director
2001 E. 8th Street
Sioux Falls, SD 57103
605-367-5372 (office)
605-941-1209 (cell)
605-367-5366 (fax)
Marty.Link@state.sd.us

Lance Iversen
Educational & Professional Standards Coordinator
State EMS Data Manager
909 East St. Patrick Street, Suite 4
Rapid City, SD 57701
605-394-6027 (office)
605-394-1677 (fax)
Lance.Iversen@state.sd.us

Rebecca Baird
Trauma Program Manager
Eastern EMS Specialist
2001 E. 8th Street
Sioux Falls, SD 57103
605-367-8371 (office)
605-295-3148 (cell)
Rebecca.Baird@state.sd.us

Julie Smithson
Western Specialist
909 East St. Patrick Street, Suite 4
Rapid City, SD 57701
605-394-5113 (office)
605-941-0762 (cell)
605-394-1677 (fax)
Julie.Smithson@state.sd.us

Bob Hardwick
Central Specialist, Recertifications
600 East Capitol Avenue
Pierre, SD 57501
605-773-4031 (office)
605-773-5683 (fax)
Bob.Hardwick@state.sd.us

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